

**Amendments to the Claims**

Currently amended

1. A packet switched network architecture having a first location area supported by a first radio access network connected to a core network of a first functionality and a second location area supported by a second radio access network connected to a core network of a second functionality which is different from the first functionality, wherein at least a part of the first and second location areas overlap thereby defining a common location area, and ~~the~~ dual mode mobile terminals in the first and second location areas each may have either one ~~or both~~ of a first and a second mode of operation corresponding to the first and second functionalities respectively, ~~characterised in that~~ wherein a dual mode mobile terminal in the first location area being in ~~having~~ the second mode of operation ~~is~~ may be connected by the first radio access network to ~~the~~ a core network having the second functionality, and wherein a dual mode mobile terminal in the second location area being in the first mode of operation is connected by the second radio access network to the core network having the first functionality.

Original

2. The packet switched network of claim 1 wherein the core networks are separate.

Cancel claim 3

Currently amended

4. The packet switched network of ~~any preceding~~ claim 1, wherein the first radio access network is connected to the core network having the second functionality, the first radio access network being operative to switch packet transmissions from terminals in the location area to one of either the first or second core networks.

Original

**5.** The packet switched network of claim 4, wherein the core network having the second functionality connected with the first radio access network is connected to the second radio access network.